

Fig.1

GGAGGAGG -61
 AGGAAGAGGAGGAGAAGGTAGCTACAGCAAGCTGGGTAGCAGGCAGATCCAAAGGATATC -1
 ATGAAGTTTCCAGGGCCCTTTGGAAAAACAGAGATTGTCTTCTGTGGAAAAGGCAATC 60
 M K F P G P L E N Q R L S F L L E K A I
 ACTAGGGAAGCACAGATGTGGAAAGTGAATGTGCGGAAAAATGCCITCAAATCAGAATGTT 120
 T R E A Q M W K V N V R K M P S N Q N V
 TCTCCATCCAGAGAGATGAAGTAATCAATGGCTGGCCAAACTCAAGTACCAATTC AAC 180
 S P S Q R D E V I Q W L A K L K Y Q F N
 CTTTACCAGCAAACTTTGCTCTGGCTAGCAGCTCTTTTGATAGGTTTTTAGCTACCCTA 240
 L Y P E T F F A L A S S L L D R F L A T V
 AAGGCTCATCCAAATACTTGAGTTGTATGCAATCAGCTGTTTTTCTAGCTGCCAAG 300
 K A H P K Y L S C I A I S C F F L A A K
 ACTGTTGAGGAAGATGAGAGAAATCCAGTACTAAAGGTATGGCAAGAGACAGTTTCTGT 360
 T V E E D E R I P V L K V L A R D S F C
 GGATGTTCCCTCATCTGAAATTTGAGAATGGAGAGAATTATCTGGATAAGTTGAATTGG 420
 G C S S S E I L R M E R I I L D K L N W
 GATCTTCACACAGCCACACCATTTGGATTTTCTTCATATTTTCCATGCCATTGCGAGTCTCA 480
 D L H T A T P L D F L H I F H A I A V S
 ACTAGGCCTCAGTTACTTTTTCAGTTTGCCCAAAATGAGCCCATCTCAACATTGGCAGTC 540
 T R P Q L L F S L P K L S P S Q H L A V
 CTTACCAAGCAACTACTTCAGTGTATGGCCTGCAACCAACTTCTGCAATTCAGAGGATCC 600
 L T K Q L L H C M A C N Q L L Q F R G S
 ATGCTTGTCTCTGCCCATGGTTAGTCTGGAAATGGAGAAATCATTCCTGATTGGCTTTCT 660
 M L A L A M V S L E M E K L I P D W S
 CTTACAATTTGAAGTCTTCAGAAAGCACAGATGGATAGCTCCCAGTTGATCCATTGTCCG 720
 L T I E L L Q K A Q M D S S Q L I H C R
 GAGCTTGTGGCACATCACCTTTCTACTCTGCAGTCTTCCCTGCCTCTGAAATTCGGTTTAT 780
 E L V A H H L S T L Q S S L P L N S V Y
 GTCTACCGTCCCTCAAGCACACCTCGGTGACCTGTGACAAAGGAGTGTTTCAGATTACAT 840
 V Y R P L K H T L V T C D K G V F R L H
 CCTCTCTCTGTCCAGGCCAGACTTCTCAAGGACAACAGCAAGCCAGAAGTGCCAGTC 900
 P S S V P G P D F S K D N S K P E V F V
 AGAGGTACAGCAGCTTTTACCATCATCTCCAGCTGCCAGTGGGTGCAAGCAGACCTCT 960
 R G T A A F Y H H L P A A S G C K Q T S
 ACTAAACGCAAGTAGAGGAAATGGAAGTGGATGACTTCTATGATGGAATCAAACGGCTC 1020
 T K R K V E E M E V D D F Y D G I K R L
 TATAATGAAGATAATGTCTCAGAAAAATGTGGTTCTGTGTGTGGCACTGATTATCAAGA 1080
 Y N E D N V S E N V G S V C G T D L S R
 CAAGAGGACATGCTTCCCTTGTCCACCTTTCAGCCTGTTTCTGTCACTGATTTTCAA 1140
 Q E G H A S P C P P L Q P V S V M *
 CAAGTCTACCTTTTGTAGTGTAACTAAGGTAGACTACTTTGGGAATGAGAACATCCAAAA 1200
 TCAGGAAAGGCTGTAGAAGGAAATATACCTTAACAGGCTGATTTGGAGTGACCCAGAAAA 1260

Fig.2A

CYCLIN A ----MRAI-LVDWLVVEVGEEYKL--QNETLHDAVNY 238
 CYCLIN B ----MRAI-LVDWLVVQVQMKERL--LQETMYMTVSI 229
 CYCLIN C ----LQIF-FTNVIQALGEHLK--RQQVIATATVY 88
 CYCLIN D ----MRKI-VATWMLEVCEEQKC--EESVFPAMNY 84
 CYCLIN E ----MRAI-LLDWLMEVCEVYKL--HRETFYIAQDF 157
 CYCLIN F ----MRYI-LVDWLVVEVATMKDF--TSLCLHITVEC 337
 CYCLIN G MTARLRDFEVKDLLSLTQF--EGF--DTETFSLAVNL 33
 CYCLIN H ----LCKY-YEKRLLEFCVSFKPAMPRSVVGTACMY 86
 CYCLIN I VSPSQRD-EVTLQWLAKIKYQENL--YPETAFALASSL 72

CYCLIN A IDRFILSSM-SVLRGKQLVGTAAMLLASK--FEE 269
 CYCLIN B IDRFMONN-CVEKKMLQLVGVTAMFLASK--YEE 260
 CYCLIN C FKREYARY-SLKSIDPVLMAPTCVFLASK--VEE 119
 CYCLIN D LDRFELSLE-PVKKSRIQLLGATCMFVASK--MKE 115
 CYCLIN E FDRYMATQENVVKTLQLLIGISSLEFLAAK--LEE 189
 CYCLIN F VDRYLRRL-LVRYRIQLLGLACMVICTR--FIS 368
 CYCLIN G LDRFLSKMIVQAK-HLGCVGLSCFYLAVKSIIEE 66
 CYCLIN H FKRFYLNN-SVMEYHPRIIMLTCAFLACK--VDE 117
 CYCLIN I LDRFLATVKAHEK-YLSCTALSCFFLAAKTVEED 105

CYCLIN A IYPEVAEFVYI-TDDTYTK-----KQVL-RME 295
 CYCLIN B MYPEIGDFAFV-TDNTYTK-----HQLR-QME 286
 CYCLIN C FGVVSNTRILAAATSVLKTRFSYAFPKFFPYRMN 153
 CYCLIN D TIPLTAEKLCIY-TDNSIRP-----EELL-QME 141
 CYCLIN E IYPEKLIHQFAYV-TDGACSG-----DEIL-TME 215
 CYCLIN F KEPLTIREAVWL-TDNTYKY-----EDLVRMM 394
 CYCLIN G RNVELATDLIRI-SQYRFTV-----SD-LMRME 92
 CYCLIN H FN-VSSP-----QFVGNLRESPIGOEKALE 141
 CYCLIN I ERIPVLEKVLARD-SFCGESS-----SEIL-RME 131

Fig.2B

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CYCLIN G:                                     M TARLEDPFVK 11
CYCLIN I: MKFPGPLENQ RLSFLLEKAI TREAQMWKVN VRKMPSNQNV SPSQRT-EVI 49

CYCLIN G: DLLSLTQF-E GFDTEETSDA VNLLDRELSK MKVQAKHIGG VGLSCHYDAV 60
CYCLIN I: QWMAKLYQF NLYPETPADN SSDLDRREAT VKAHPEYDSC IAIECEFDAA 99

CYCLIN G: KSIEERRNVP LATDEIRISQ YRFTVSD-DM RMEKEVLEKV CKVKATTAFA 109
CYCLIN I: KTYEEDERIR VLKVEARDSE CGCSSEIIE-RMERETIDKL NIDLHTAFL 148

CYCLIN G: QFQQLYYSLI REELE----- FER-RNDLNF ERLEAQIKAC -HORIIFSKA 153.
CYCLIN I: DEGHIFHAIA VSTRQQLFS LPKLSPSQHL AVETKQLLHC MACNQLL-QF 197

CYCLIN G: KPSVIALAII ALDTQAKYV ELTEGVEICIO KSKISGRDE TFWQELVSKC 203
CYCLIN I: RGEMLADAMV SSMMEKILPD WSLTIELLQ N-AQMDSSQ IHCRLVAAH 246

CYCLIN G: LTRYSSNKC- -SKPNGQKLEK WIVSGRTARQ LKHSYYRITH LPTIPBTMG 250
CYCLIN I: ESTLQSSLPL NGVYVYRPEK HTLVTCDKGV FRLHPSSVFG PDFSKDNSKP 296

CYCLIN I: EVFVRGTAAF YHHLPAASGC KQTSTKRKVE EMEVDDFYDG IKRLYNEDNV 346

CYCLIN I: SENVGSVCGT DLSRQEGHAS PCPPLQPVSV M 377

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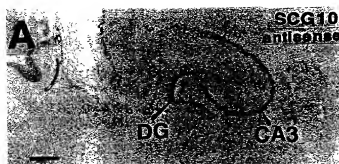
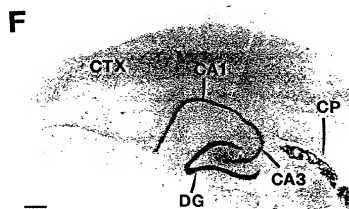
Fig.3A**Fig.3B**

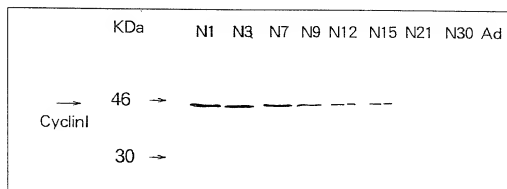
Fig.4

Fig.5